# EXHIBIT 5

# SITE PLAN OF LAND FOR BUILDING ADDITION

81 CREEPER HILL ROAD
GRAFTON, MASSACHUSETTS

PREPARED FOR OWNER AND APPLICANT:

### COLORIO REALTY LLC

81 CREEPER HILL ROAD GRAFTON, MASSACHUSETTS 01536

> CLIENT NUMBER: JOB NUMBER:

2010 110-1216 DIMITRIAADDITIONSITEPLAN.dwg

PREPARED BY

# THOMPSON-LISTON ASSOCIATES, INC.

CIVIL ENGINEERS & LAND SURVEYORS
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BOYLSTON, MASSACHUSETTS 01505
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FAX: (508) 869-6842

DATE:
AUGUST 8, 2017
REVISED AUGUST 21, 2017







#### RECEIVED

AUG 2 4 2017

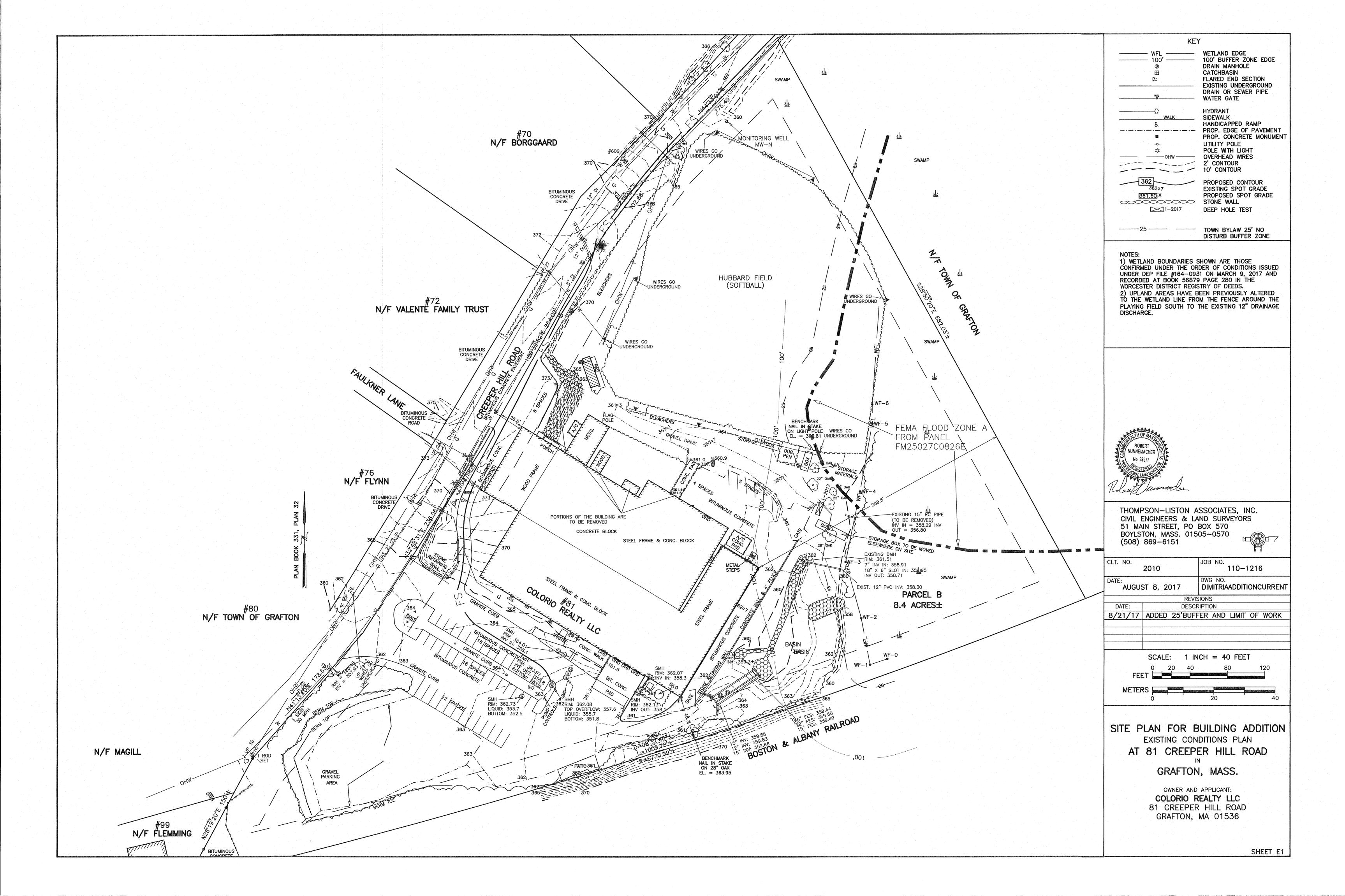
PLANNING BOARD GRAFTON, MA

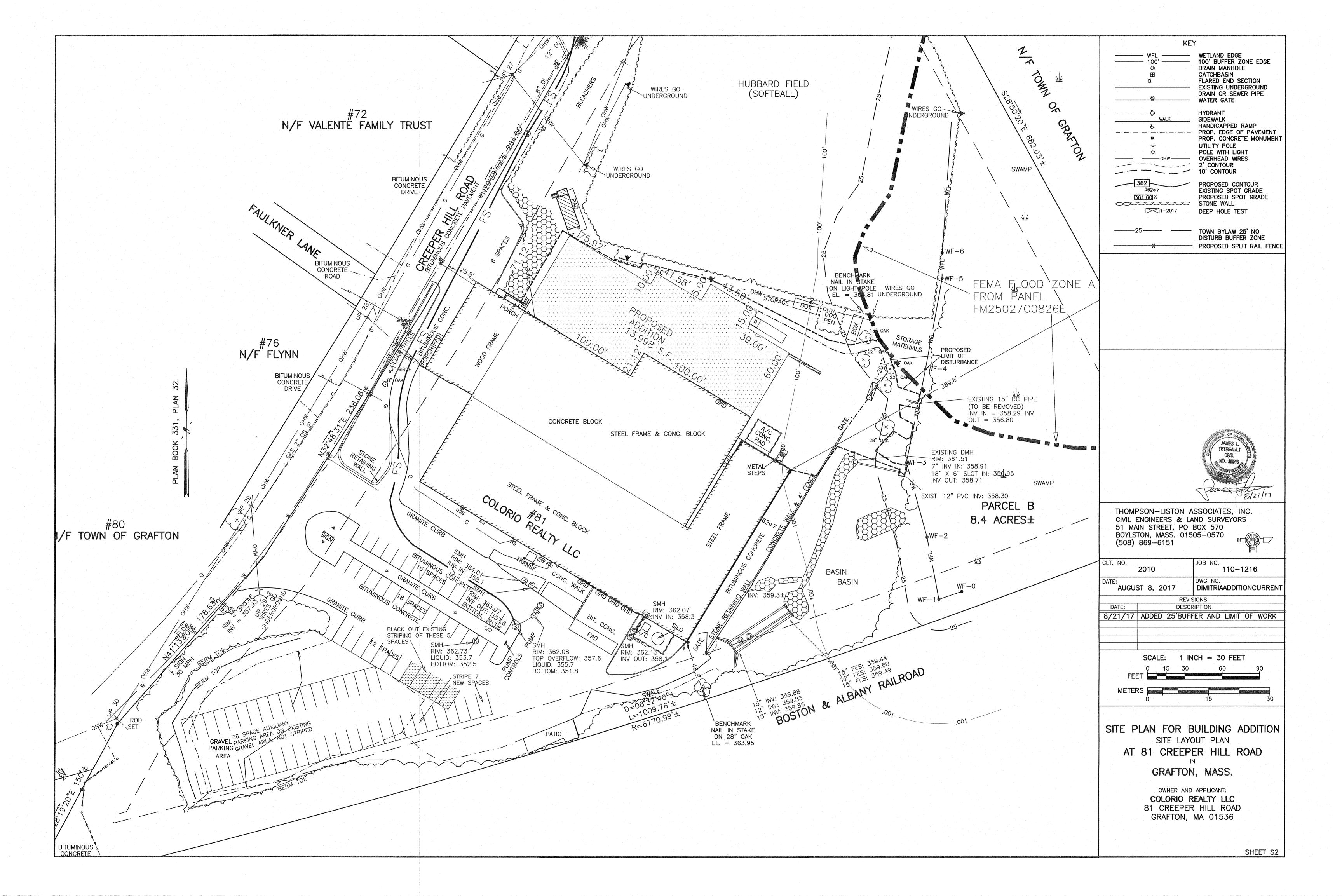


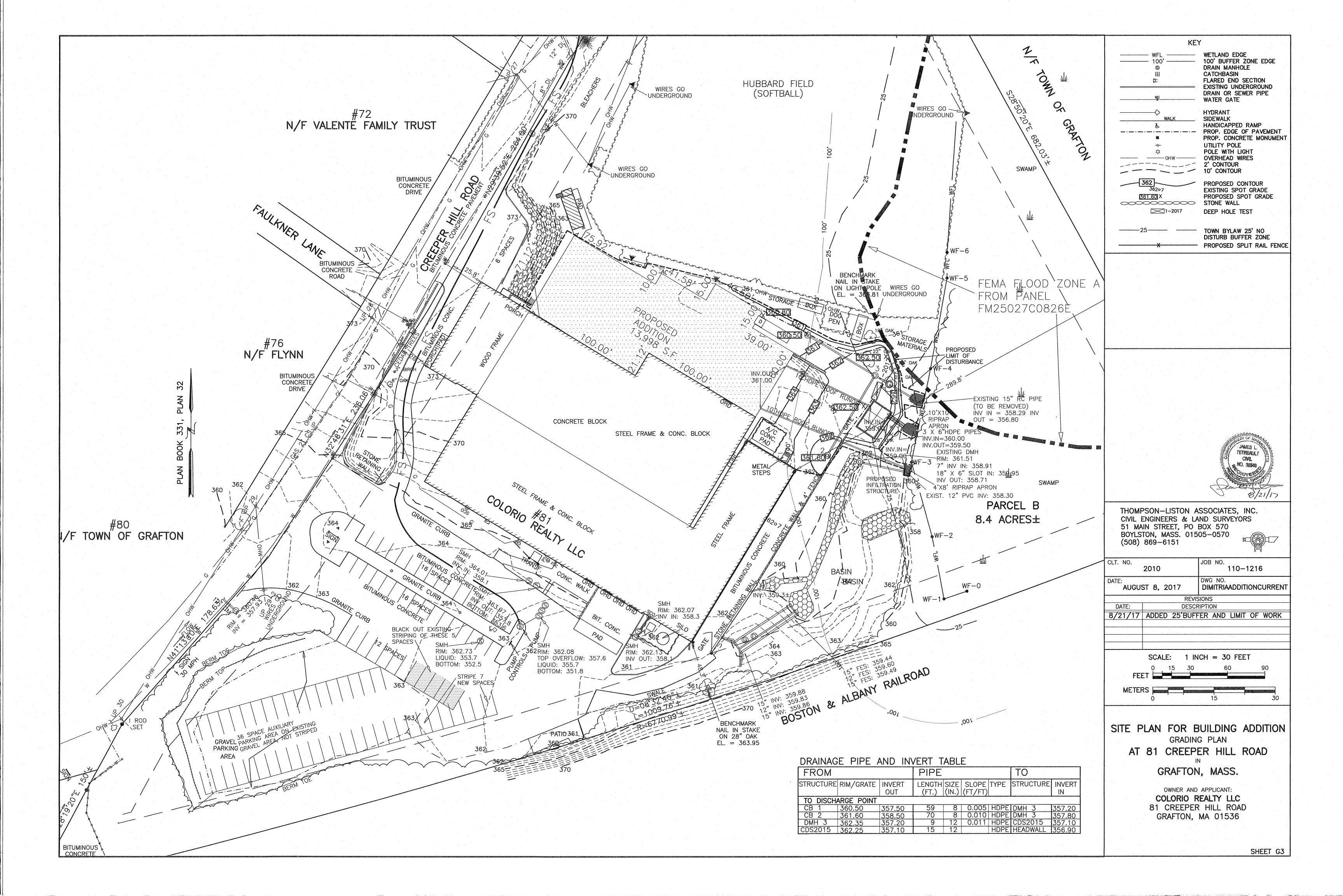
LOCUS MAP
SCALE: 1" = 1,000'

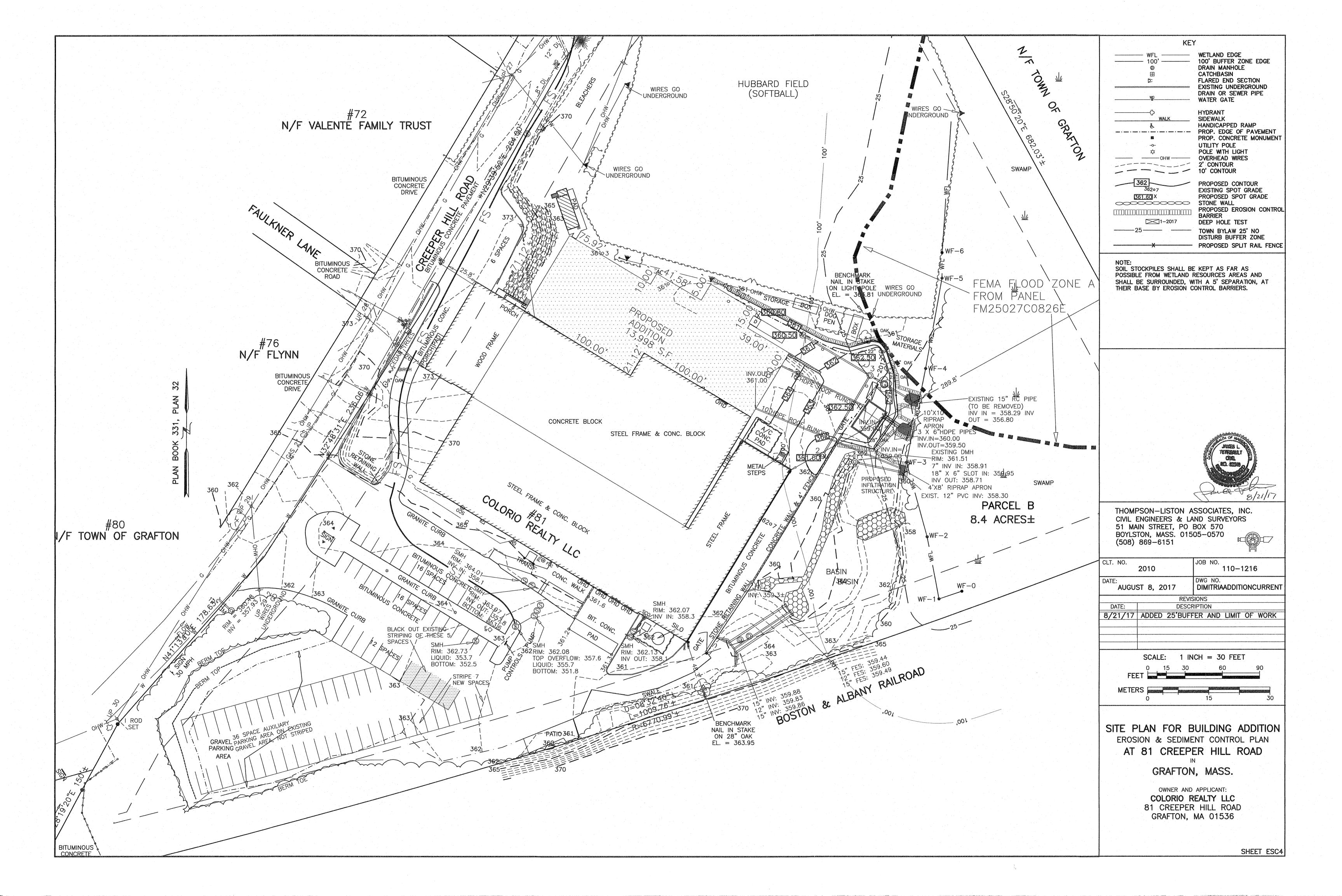
#### SHEET DIRECTORY

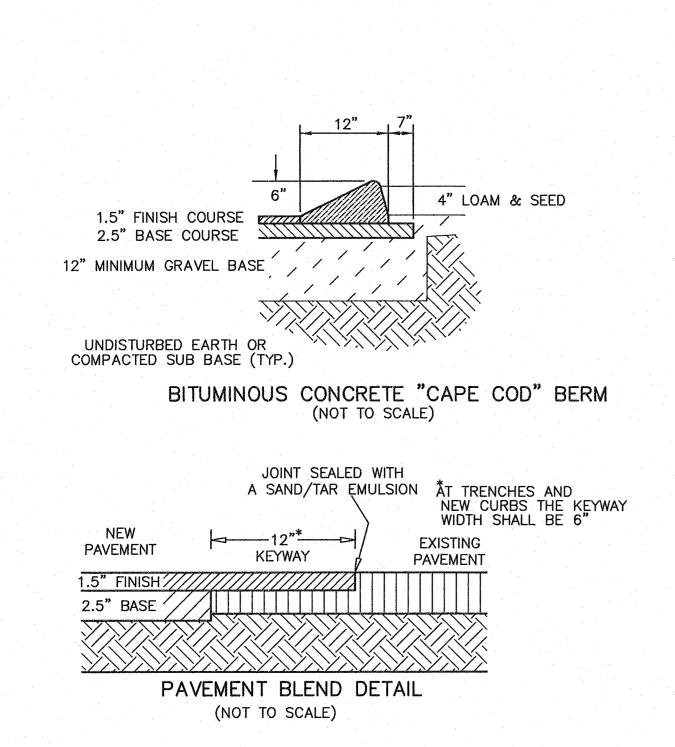
TITLE SHEET	(THIS SHEE
EXISTING CONDITIONS PLAN	E1
SITE LAYOUT PLAN	<b>S2</b>
GRADING PLAN	G3
EROSION & SEDIMENT CONTROL PLAN	ESC4
DETAIL PLAN	D5
DETAIL PLAN	D6

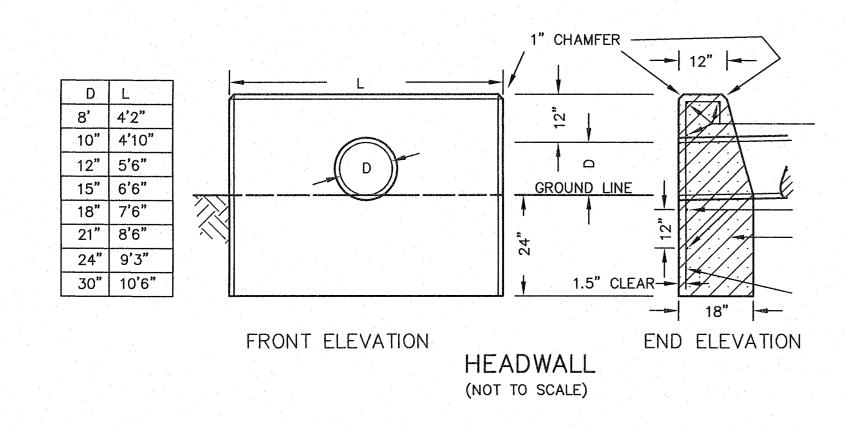












PLAN VIEW

CROSS SECTION

EROSION CONTROL BARRIER

(NOT TO SCALE)

STRAW BALE

2"X2"X3' STAKES

STRAW BALES

BUTT TOGETHER

TWO PER BALE

ENVIROFENCE TM

FLOW -

WOOD POST

FILTER FABRIC (OR APPROVED EQUAL)

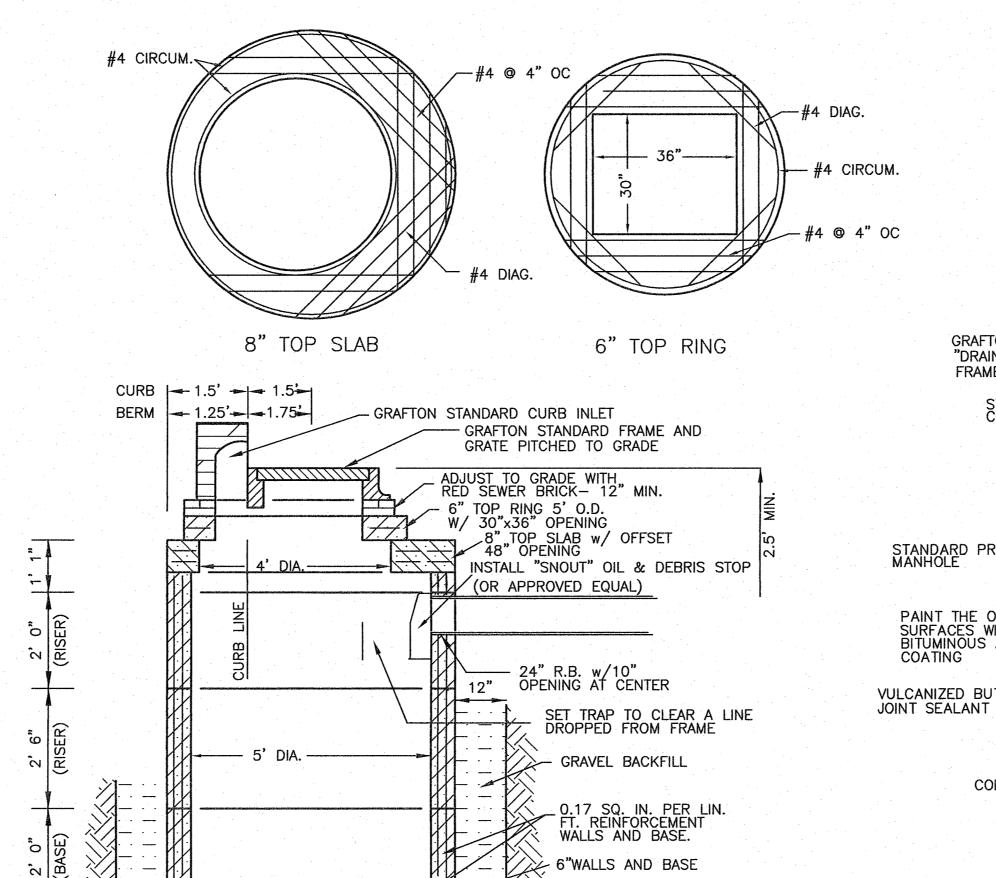
WOOD POSTS 7.7' O.C. OR AS REQUIRED BY MANUFACTURER

ENVIROFENCE FILTER FABRIC

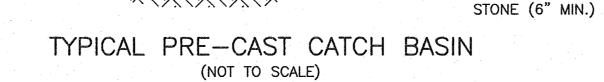
(OR APPROVED EQUAL)

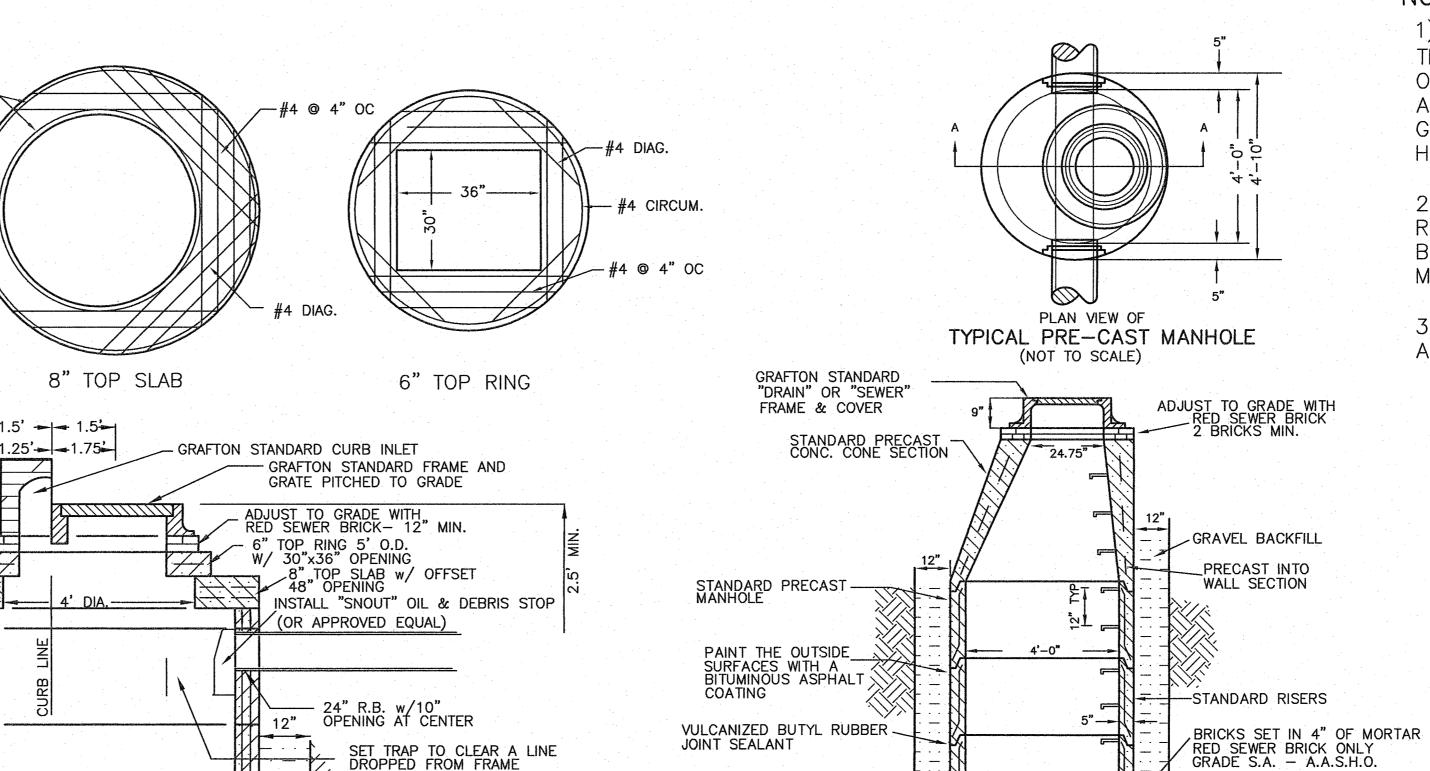
IN PLACE

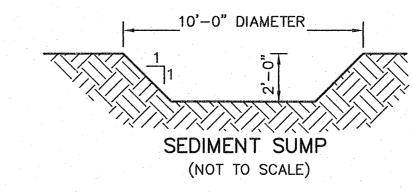
FABRIC ON BOTTOM-OF 6"X6" TRENCH



COMPACTED CRUSHED







# NOTES:

DESIGNATION M91-42

MONOLITHIC PRESSURE

COMPACTED CRUSHED

\_0.12 SQ. IN./L.F.

STONE (6" MIN.)

CAST BASE

1/2 IN./FT.

SECTION A-A TYPICAL PRE-CAST MANHOLE

(NOT TO SCALE)

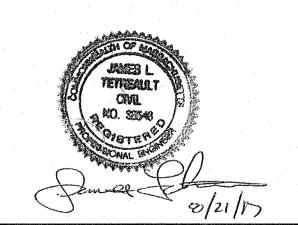
CONCRETE FILL-

4" MIN.-

- 1) JAMES TETREAULT, PE, SE#2421, WITNESSED SOIL TEST 1-2017 ON 7-21-17. THERE WAS 5' OF FILL OVER A SAND TEXTURED NATURAL SOIL WITH WEEPING AT 60 INCHES DETERMINING SEASONAL HIGH GROUNDWATER. THERE WAS NO MOTTLING ABOVE THAT HEIGHT.
- 2) THE PROPOSED STORMWATER FILTRATION UNIT TO RÉCEIVE DISCHARGE FROM BOTH PROPOSED CATCH BASINS THROUGH DMH 3, IS A CONTECH CDS UNIT MODEL 2015.
- 3) THE PROPOSED 30' LONG RETAINING WALL WILL HAVE A MAXIMUM HEIGHT OF 3 FEET.

### DIG SAFE:

EXCEPT FOR VISIBLE STRUCTURES (MANHOLES, GATES, POLES, ETC.) LOCATED BY THOMPSON-LISTON ASSOCIATES, INC., ALL UNDERGROUND UTILITIES SHOWN WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM THE VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING OR INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION, OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC & PRIVATE, MUST BE CONTACTED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. THOMPSON-LISTON ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. CALL "DIG SAFE" AT 811 or 1-888-DIG-SAFE.



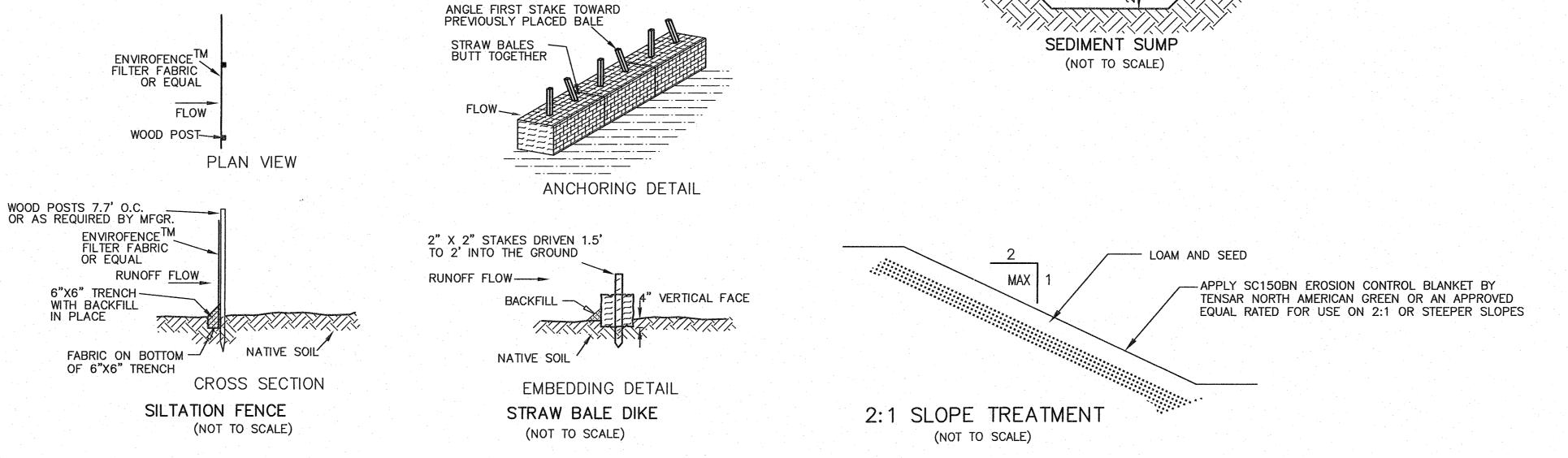
THOMPSON-LISTON ASSOCIATES, INC. CIVIL ENGINEERS & LAND SURVEYORS 51 MAIN STREET, PO BOX 570 BOYLSTON, MASS. 01505-0570 (508) 869-6151

-	CLT. NO. 2010			JOB NO. 110-1216				
	DATE: AUGUST 8, 2017			DWG NO. DIMITRIAADDITIONCURRENT				
	REVISIONS							
	DATE: DESCRIPTION							
	8/21/17	ADDED 25'	BUF	FER	AND	LIMIT	OF	WORK
NO SCALE								

SITE PLAN FOR BUILDING ADDITION DETAIL PLAN AT 81 CREEPER HILL ROAD GRAFTON, MASS.

> OWNER AND APPLICANT: COLORIO REALTY LLC 81 CREEPER HILL ROAD GRAFTON, MA 01536

> > SHEET D5



### ZONING COMPLIANCE TABLE

THE SITE IS LOCATED IN THE OFFICE/LIGHT INDUSTRIAL ZONING DISTRICT THE FOLLOWING TABLE COMPARES THE ZONING REQUIREMENTS AND DIMENSIONS PROPOSED AT THIS SITE:

DIMENSION	REQUIREMENT	EXISTING	PROPOSED
MIN. LOT AREA	40,000 S.F.	364,682 S.F.	364,682 S.F
MIN. FRONTAGE	120'	1,106.83	1,106.83
MIN. FRONT YARD	40'	25.8'	25.8'*
MIN. SIDE YARD	35'	289.8'	246.3'
MIN. REAR YARD	35'	48.3'	48.3'
MAX. BLDG COVERAGE(%)	40%	12.6%	16.4%
MAX. HEIGHT (FEET)	35'	26.7'	26.7'

\*THE PROPOSED ADDITION WILL HAVE A FRONT YARD SETBACK OF 71.1 FEET.

#### PARKING CALCULATION

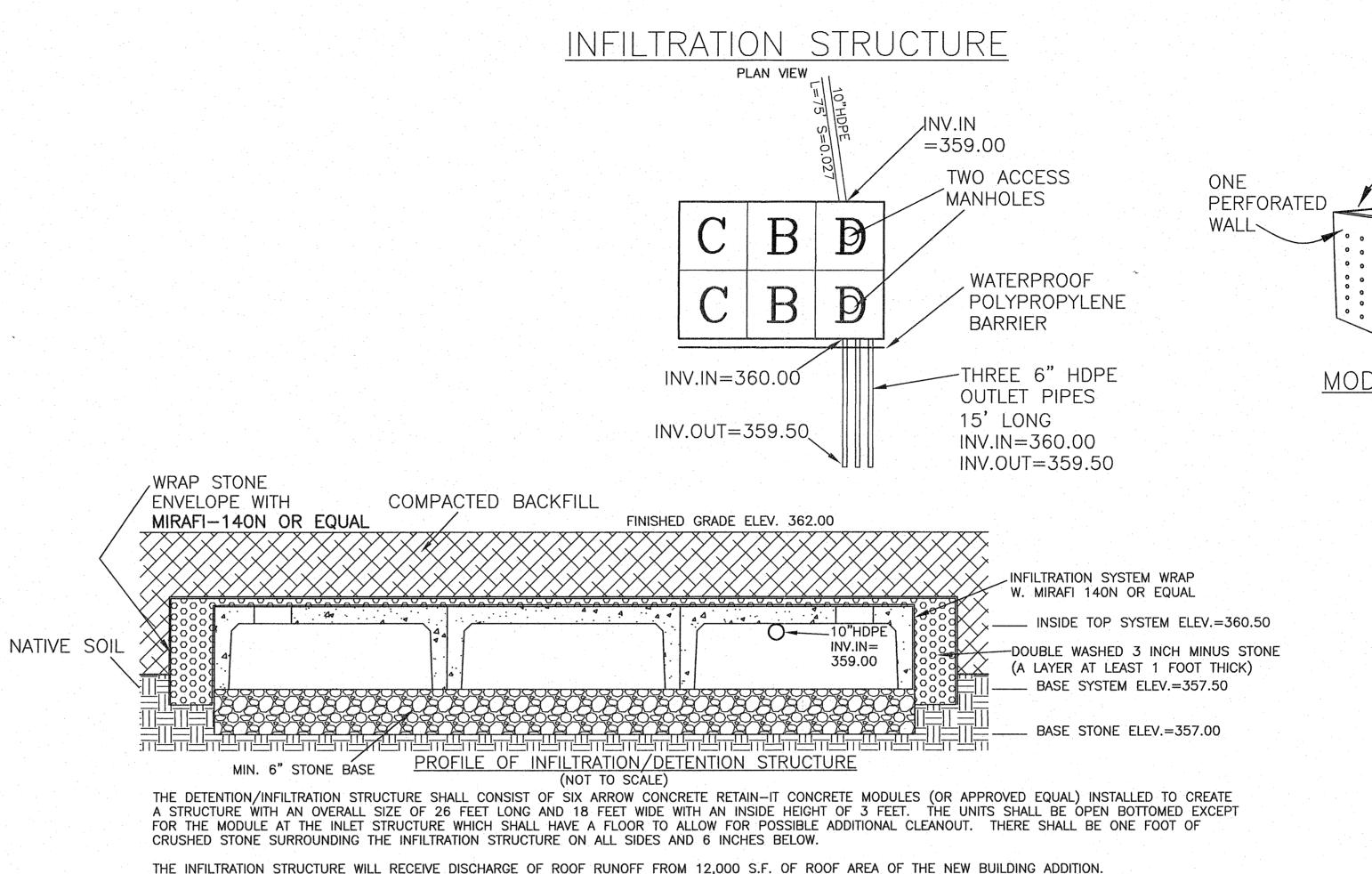
PER SECTION 4.2 OF THE GRAFTON ZONING BYLAW, THE REQUIREMENTS FOR THE PROVISION OF OFF STREET PARKING SPACES ARE AS FOLLOWS:

TYPE OF U	SE	REQUIREMENT	PROPOSED FACILITY # OF SPACES NEEDED
MANUFACT	JRING	1 SPACE PER 500 S.F.	56,170 S.F. 112.3
OFFICE		1 SPACE PER 150 S.F.	3,600 S.F. (UNCHANGED) 24

THE FACILITY WILL PROVIDE A TOTAL OF 91 PARKING SPACES(67% OF REQUIREMENT), BRINGING IT CLOSER TO COMPLIANCE THAN IT IS AT PRESENT. THE EXISTING FACILITY, WITH 42,172 S.F. OF MANUFACTURING SPACE AND 3,600 S.F. OF OFFICE SPACE HAS A REQUIREMENT FOR (84+24) 108 PARKING SPACES UNDER THE BYLAW AND 56 SPACES (52% OF REQUIREMENT) ARE PROVIDED.

# NOTES:

- 1) ALL WORK SHALL CONFORM TO THE STANDARDS OF THE TOWN OF GRAFTON.
- 2) VARIOUS STACKED MATERIALS IN THE AREA OF THE PROPOSED INFILTRATION STRUCTURE SHALL BE MOVED TO OTHER AREAS OF THE SITE AS WELL AS THE STORAGE BOX.
- 3) PLACE 4" OF LOAM AND SEED ALL DISTURBED AREAS OF THE PROJECT NOT OTHERWISE IMPROVED.
- 4) ALL ELEVATIONS REFER TO THE 1988 DATUM.

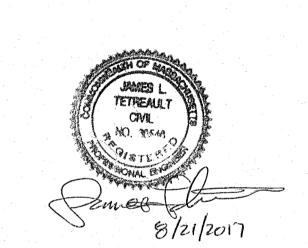


ANY FILL MUST BE REMOVED FROM BENEATH THE INFILTRATION STRUCTURE BEFORE STONE IS PLACED BENEATH THE UNITS.

A VORT SENTRY HS CATCH BASIN FIVE FEET AWAY WILL DISCHARGE INTO THE STRUCTURE WITH THE INVERT IN ELEVATION OF A 12 INCH HDPE DISCHARGE PIPE BEING 479.0. THERE SHALL BE A 10 INCH HDPE DISCHARGE PIPE DISCHARGING TO THE EAST AT AN INVERT OUT ELEVATION OF 479.17. 28 FEET AWAY THAT DISCHARGE PIPE SHALL DISCHARGE AT INVERT OUT ELEVATION OF 478.00 JUST ABOVE THE EXISTING CATCH BASIN AT THE PROPERTY LINE BETWEEN THIS LOT

## SEQUENCE OF INSTALLATION AND CONSTRUCTION

- The following is the general sequence for the construction of this project. The actual schedule may vary somewhat from that stated if site or weather conditions require a different schedule and if such change does not negatively affect the prevention of pollution.
- 1. The contractor will hold a preconstruction meeting with representatives of the Town and the Grafton Conservation Commission in order to review permits, procedures and construction methods.
- 2. The contractor will hold a preconstruction meeting with the Engineer, Contractor's employees and the Inspector in order to review permits, procedures and construction methods.
- 3. The storage box and various materials stacked in the area of the proposed infiltration system and north from there to the fence around the playing field shall be moved to other locations on the property. Bare soil areas shall be loamed and seeded.
- 4. Install the erosion control barriers between the bordering vegetated wetland and the proposed work areas on the lot in the locations shown on the Grading Plan.
- 5. Cut trees for the lot and then clear and grub.
- 6. Stockpile loam as necessary to the northwest of the proposed addition with silt fence or straw bales at least 5 feet from the base of the pile.
- 7. Begin earthwork operations for the addition and the drainage system installation including bringing in any fill from off site. Install temporary erosion control measures such as straw bale diversion dikes as necessary.
- 8. Begin the construction of the building addition including the extension of existing utility connections from the main building. Install piping connecting the roof drainage system to the proposed infiltration system. Install the driveway access, low retaining wall and finish the building addition construction.
- 9. Install proposed fencing at the limit of work and permanently stabilize any remaining exposed slopes after home construction is complete and there will be no more contractor or worker traffic cross the lot.
- 10. After all work is complete and all formerly exposed areas are stabilized, remove any remaining erosion control barriers and request the issuance of a Certificate of Compliance from the Grafton Conservation Commission.



≥12" BEAM

two perf

-12" BEAM MODULE "C"

MODULE "B"

-WINDOW

SPLASH

PAD

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CLT. NO. 2010 110-1216 DWG NO. DIMITRIAADDITIONCURRENT AUGUST 8, 2017

REVISIONS DESCRIPTION 8/21/17 ADDED 25' BUFFER AND LIMIT OF WORK

NO SCALE

SITE PLAN FOR BUILDING ADDITION DETAIL PLAN AT 81 CREEPER HILL ROAD

GRAFTON, MASS.

OWNER AND APPLICANT: COLORIO REALTY LLC 81 CREEPER HILL ROAD GRAFTON, MA 01536

SHEET D6